



U.S. DEPARTMENT OF
ENERGY

OFFICE OF
ENVIRONMENTAL
MANAGEMENT

Hanford Finishes First Tank Waste Processing Campaign

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A monitor in the control room of the Hanford Site's Tank-Side Cesium Removal (TSCR) System shows workers performing maintenance inside the TSCR facility.

RICHLAND, Wash. — The **EM Office of River Protection** (ORP) and contractor Washington River Protection Solutions (WRPS) have completed the first waste processing campaign through the Tank-Side Cesium Removal (TSCR) System at the **Hanford Site**.

TSCR is a demonstration project which removes radioactive cesium and solids from tank waste and delivers low-activity waste to a nearby underground storage tank.



Richland Operations Office and Office of River Protection Manager Brian Vance congratulates Tank-Side Cesium Removal (TSCR) System workers following completion of TSCR's first waste processing campaign.

The treatment system hit a milestone in December, processing more than 800,000 gallons of radioactive liquid waste since the campaign began. The TSCR team reached that goal after a record-short maintenance outage of only three weeks. In addition, TSCR removed over 99.99% of radioactive cesium from the processed liquid waste.

The waste is staged until it can be fed to Hanford's **Waste Treatment and Immobilization Plant for vitrification**, or immobilization in glass. TSCR is a key component and the first step in Hanford's **Direct-Feed Low-Activity Waste** Program to treat tank waste.